

Appl. No. 10/064,712
Amdt. dated March 02, 2006
Reply to Office action of January 20, 2006

REMARKS/ARGUMENTS

1. Rejection of claims 1-3, 6, and 9-13 under 35 U.S.C. 102(b):

Claims 1-3, 6, and 9-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Zortea (US 5,944,439).

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Response:

Independent claims 1 and 6 have been amended to overcome these claim rejections. Claim 1 now contains the limitations previously found in claim 4, and claim 6 has been amended to add the limitations previously found in claims 7 and 15.

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No new matter has been added through these claim amendments.

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Claim 1 now recites "dynamically increasing or decreasing a compensating current for compensating the transmission signal according to the comparison result". On the other hand, Zortea does not teach increasing or decreasing a current with a compensation circuit. Lye (US 6,408,032) teaches in column 7 lines 30-60 that the operating characteristics of the correction driver 17 can be selected at design time according to the requirements of the baseline wandering correction circuit. For instance, the output current of the correction driver 17 can be designed to have a higher value when stronger correction is required or can be designed to have a lower value when only minor correction is needed. Lye does not teach that the compensating current can be dynamically increased or decreased according to the comparison result. Simply selecting a high or low current value for the correction driver 17 at design time does not teach "dynamically increasing or decreasing a compensating current for compensating the transmission signal according to the comparison result", as is recited in claim 1. Therefore, claim 1 is patentably distinguished from the combination of Zortea and Lye.

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Claim 6 now contains the limitations of claim 15 and intervening claim 7. Since claim 15 has been indicated as allowable if rewritten in independent form, claim 6 should now be in allowable form. Furthermore, claims 2, 3, 5, 8-14, and 18-20 are dependent on claims 1 and 6, and should be allowed if claims 1 and 6 are allowed.

5 Reconsideration of claims 1-3, 5, 6, 8-14, and 18-20 is respectfully requested.

2. Introduction to new claim 21:

10 New claim 21 further narrows claim 1, and includes limitations previously found in the original claim 15. None of the cited prior art references teach "selectively turning on or off a plurality of unit current sources according to the comparison result for generating the compensation current", as is recited in claim 21. Therefore, claim 21 is patentably distinguished from the cited prior art. In addition, claim 21 is dependent on claim 1 and should be allowed if claim 1 is allowed. Acceptance of new claim 21 is respectfully requested.

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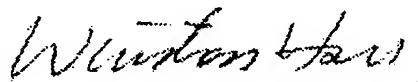
In view of the above claim amendments and arguments in favor of patentability, the applicant respectfully requests that a timely Notice of Allowance be issued in this case.

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Sincerely yours,



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- 10 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)